

$\Delta\phi_{Z,\text{jet}1}$	$\frac{d\sigma}{d\Delta\phi_{Z,\text{jet}1}}$ [pb]	Tot[%]	stat [%]	JES [%]	JER [%]	Eff [%]	Lumi [%]	XSec [%]	PU [%]	LES+LER [%]	Unf sys [%]
0 – 0.1256	4.24	7.8	2.2	6.3	1.1	1.6	2.7	0.12	1.5	0.26	1.7
0.1256 – 0.2512	4.02	7.8	2.9	6.2	1.8	1.1	2.5	0.0041	1.3	0.22	1.3
0.2512 – 0.3768	4.24	8.4	2.7	7.1	1.4	1.4	2.5	0.0033	0.61	0.14	1.2
0.3768 – 0.5024	4.26	7.4	2.8	5.5	0.79	1.2	2.7	0.088	2.0	0.40	1.5
0.5024 – 0.628	4.86	8.1	2.5	6.6	1.5	1.6	2.5	0.0039	1.0	0.47	1.7
0.628 – 0.7536	4.56	7.8	2.7	6.3	1.2	0.74	2.7	0.093	1.7	0.48	1.5
0.7536 – 0.8792	5.09	7.0	2.3	5.5	0.94	1.8	2.7	0.094	0.94	0.31	1.4
0.8792 – 1.0048	5.52	7.3	2.2	6.2	1.1	0.81	2.6	0.039	1.0	0.18	0.97
1.0048 – 1.1304	5.95	6.4	2.0	5.0	1.0	1.4	2.6	0.040	0.68	0.37	1.1
1.1304 – 1.256	6.44	6.3	2.0	5.0	0.88	0.94	2.7	0.096	0.72	0.31	0.89
1.256 – 1.3816	7.54	6.1	1.7	4.8	1.0	1.1	2.6	0.061	0.53	0.18	1.1
1.3816 – 1.5072	8.38	5.5	1.6	4.4	0.50	0.70	2.5	0.0036	0.75	0.27	0.78
1.5072 – 1.6328	9.89	5.2	1.4	4.0	0.85	0.91	2.6	0.051	0.21	0.33	0.59
1.6328 – 1.7584	11.7	5.2	1.3	4.2	0.68	0.75	2.5	0.021	0.16	0.28	0.79
1.7584 – 1.884	14.2	4.9	1.1	3.8	0.72	0.83	2.6	0.034	0.045	0.16	0.56
1.884 – 2.0096	17.1	4.8	0.94	3.7	0.59	0.81	2.6	0.026	0.093	0.11	0.71
2.0096 – 2.1352	22.0	4.5	0.87	3.3	0.60	0.63	2.6	0.076	0.18	0.028	0.90
2.1352 – 2.2608	27.4	4.4	0.70	3.3	0.35	0.76	2.6	0.044	0.12	0.11	0.53
2.2608 – 2.3864	36.2	4.3	0.60	3.3	0.45	0.62	2.6	0.045	0.14	0.029	0.46
2.3864 – 2.512	47.0	4.2	0.51	3.1	0.40	0.66	2.6	0.035	0.20	0.044	0.42
2.512 – 2.6376	63.6	3.9	0.42	2.8	0.33	0.54	2.6	0.036	0.20	0.050	0.40
2.6376 – 2.7632	87.8	3.8	0.35	2.6	0.31	0.54	2.6	0.035	0.21	0.041	0.37
2.7632 – 2.8888	126.	3.6	0.28	2.4	0.27	0.47	2.5	0.025	0.19	0.026	0.32
2.8888 – 3.0144	190.	3.3	0.22	2.0	0.22	0.39	2.6	0.027	0.18	0.028	0.29
3.0144 – 3.14	285.	3.1	0.26	1.6	0.19	0.34	2.5	0.021	0.17	0.027	0.24